

Transcription and Translation worksheet

Fill in

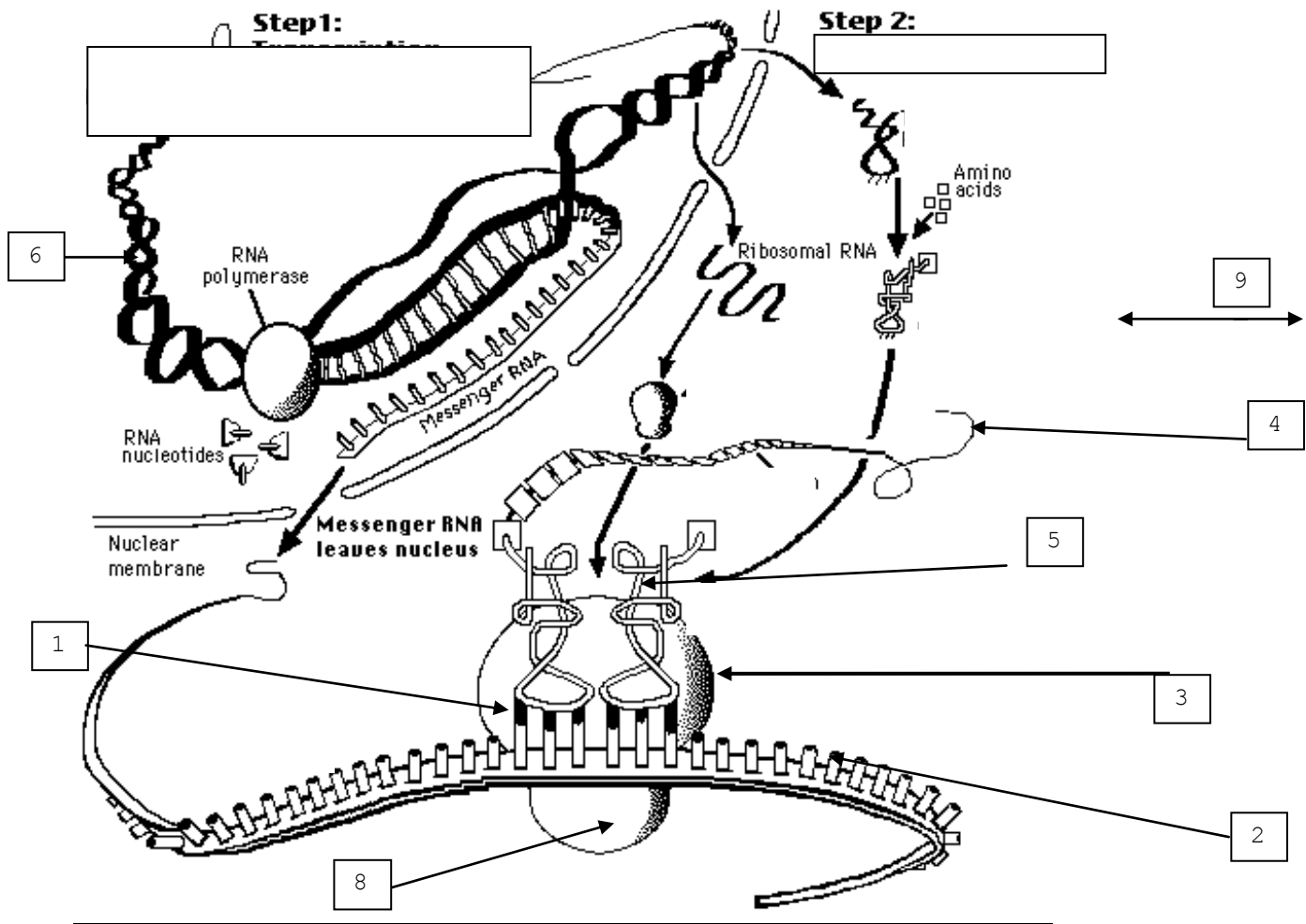
1. DNA _____
mRNA A U G A C U A G C U G G G G G U A U U A C U U U U A G
AA _____

2. DNA T A C C G C T C C G C C G T C G A C A A T A C C A C T
mRNA _____
tRNA _____

3. DNA _____
mRNA _____
tRNA U A C C A C C C C C G U A U G G C U G G G A A U
AA _____

4. DNA _____
mRNA _____
tRNA _____
AA MET -- ARG -- GLY PHE PHE MET VAL GLY

PROTEIN SYNTHESIS



LABEL

A. Fill in Step 1 and Step 2 (choose between transcription and translation)

B. Fill in the appropriate number below – refer to the figure.

- ___ ribosome large subunit
- ___ tRNA
- ___ mRNA codons
- ___ polypeptide (amino acid polymer)
- ___ ribosome small subunit
- ___ tRNA anticodon
- ___ DNA
- ___ RNA polymerase enzyme
- ___ cytoplasm